

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Jun Koyama

Art Unit : ~~Unknown~~ 2629

Serial No. : Unassigned

Examiner : ~~Unknown~~ Kevin Nguyen

Filed : July 26, 2001

Title : ELECTRO-OPTICAL DEVICE AND DRIVING METHOD OF THE SAME

Commissioner for Patents

Washington, D.C. 20231

J1046 U.S. PTO

09/912596

07/26/01

INFORMATION DISCLOSURE STATEMENT

Applicant submits the references listed on the attached form PTO-1449, copies of which are enclosed.


Submitted herewith is an English translation of the following foreign language reference, or portion thereof:

Desig. ID	Source
AL	Japanese Patent Application No. 08-286170 - Derwent file 352;
KMN	#011047349; English Abstract; WPI Acc No: 1997-025273/199703;
	XRPX Acc No: N97-021091

This statement is being filed with the application. Please apply any charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

Date: July 26, 2001

  
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06/02/2006

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 12732-056001	Application No.
Information Disclosure Statement by Applicant (Use several sheets if necessary)  (37 CFR §1.98(b))		Applicant Jun Koyama	
		Filing Date July 26, 2001	Group Art Unit 2674

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07/26/01

## U.S. Patent Documents


Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
KN	AA	5,712,652	01/27/1998	Sato et al.			02/16/1996
KN	AB	5,798,746	08/25/1998	Koyama			12/23/1994
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

## Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
KN	AL	08-286170	11/01/1996	Japan	G02F	1/133	XX	
	AM							
	AN							
	AO							
	AP							

## Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
KN	AQ	Shimoda et al.; "Current Status and Future of Light-Emitting Polymer Display Driven by Poly-Si TFT"; <u>SID 99 Digest</u> ; pp. 372-375; 1999
KN	AR	Shimoda et al.; "High Resolution Light Emitting Polymer Display Driven By Low Temperature Polysilicon Thin Film Transistor With Integrated Driver"; <u>Asia Display 98</u> ; pp. 217-220
KN	AS	Han et al.; "Green OLED with Low Temperature Poly Si TFT"; <u>Euro Display Late-news Papers</u> ; pp. 27-30; September, 1999
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Examiner Signature 	Date Considered 10/14/03
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

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Substitute Form PTO-1449 (Modified)  <b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary)  (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 12732-056001	Application No. 09/915,575
	Applicant Jun Koyama		
	Filing Date July 26, 2001	Group Art Unit 2674 Technology Center 2600	

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## U.S. Patent Documents

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
KMN	AA	5,771,031	06/23/1998	KINOSHITA et al.			
	AB	5,907,313	5/25/1999	KUBOTA et al.			
	AC	6,344,843	02/05/2002	KOYAMA et al.			
	AD	6,535,192	03/18/2003	SUNG et al.			
	AE	6,545,654	04/08/2003	JACOBSEN et al.			
	AF	6,670,938	12/30/2003	YOAHIDA			
	AG	2001/0005193	06/28/2001	YOKOYAMA			
	AH	2002/0003521	01/10/2002	MATSUEDA et al.			
	AI	2002/0021274	02/21/2002	KOYAMA et al.			
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	AK	2002/0036604	03/28/2002	YAMAZAKI et al.			
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## Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Sub-class	Translation	
							Yes	No
KMN	AP	JP10-253941	25 SEP 1998	JAPAN			Abstract	
	AQ							
	AR							

## Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
KMN	AS	KOYAMA et al., "A 4.0-in. Poly Si TFT-LCD with Integrated 6-bit Digital Data Driver Using CGS Technology", Digest of Technical Papers - AM-LCD '99, pages 29-32, July 14-16, 1999.
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	AU	

Examiner Signature /Kevin M. Nguyen/	Date Considered 06/02/2006
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Disclosure Form (PTO-1449)

Substitute Form PTO-1449 (Rev. 11-2003)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 12732-056001	Application No. 09/912,596
<b>Information Disclosure Statement</b> <b>by Applicant</b> (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Jun Koyama	
		Filing Date July 26, 2001	Group Art Unit 2674

### U.S. Patent Documents

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
KMN	AA	2002/0039087	04/04/2002	Inukai			09/27/2001
	AB	2002/0057244	05/16/2002	Koyama et al.			11/09/2001
	AC	2002/0089483	07/11/2002	Yamazaki et al.			02/19/2002
	AD	2004/0183766	09/23/2004	Koyama et al.			04/05/2004
	AE	2004/0222955	11/11/2004	Koyama			06/04/2004
	AF	5,339,090	08/16/1994	Crossland et al.			09/10/1992
	AG	5,959,598	09/28/1999	McKnight			02/09/1996
	AH	6,333,737	12/25/2001	Nakajima			03/17/1999
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							Yes	No
	AS							
	AT							

### Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
KMN	AU	M.A. Baldo et al.; "Highly efficient phosphorescent emission from organic electroluminescent devices"; <i>Nature</i> , Vol. 395; September 10, 1998, pp. 151-154.

Examiner Signature <b>/Kevin M. Nguyen/</b>	Date Considered <b>06/02/2006</b>
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Form PTO-1449 (Modified) <b>FEB 17 2005</b> PATENT & TRADEMARK OFFICE (37 CFR §1.49(b))	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. <b>12732-056001</b>	Application No. <b>09/912,596</b>
	Information Disclosure Statement by Applicant (Use several sheets if necessary)		
	Filing Date <b>July 26, 2001</b>	Group Art Unit <b>2674</b>	

**Other Documents (include Author, Title, Date, and Place of Publication)**

Examiner Initial	Desig. ID	Document
KMN	AV	M.A. Baldo et al.; "Very high-efficiency green organic light-emitting devices based on electrophosphorescence"; <i>Applied Physics Letters</i> , Vol. 75, No. 1; July 5, 1999, pp. 4-6.
KMN	AW	Tetsuo Tsutsui et al.; "Electroluminescence in Organic Thin Films"; <i>Photochemical Processes in Organized Molecular Systems</i> ; September 22, 1990, pp. 437-450.
KMN	AX	Tetsuo Tsutsui et al.; "High Quantum Efficiency in Organic Light-Emitting Devices with Iridium-Complex as a Triplet Emissive Center"; <i>Japan Journal of Applied Science</i> ; December 15, 1999, Vol. 38, Part 2, No. 12B, pp. L1502-L1504.

Examiner Signature <b>/Kevin M. Nguyen/</b>	Date Considered <b>06/02/2006</b>
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Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 12732-056001	Application No. 09/912,596
		Applicant Jun Koyama	
		Filing Date July 26, 2001	Group Art Unit 2674

**Information Disclosure Statement**  
**by Applicant**  
(Use several sheets if necessary)

(37 CFR §1.98(b))

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Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
KMN	AA	2002-0000969	01/03/2002	Ozawa			04/25/2001
	AB	2002-0130828	09/19/2002	Yamazaki et al.			12/21/2001
	AC	2003-0067632	04/10/2003	Ohta et al.			11/12/2002
	AD	2003-0098875	05/29/2003	Kurokawa et al.			11/18/2002
	AE	2003-0103025	06/05/2003	Kurokawa et al.			11/20/2002
	AF	2004-0164322	08/26/2004	Kondo et al.			08/14/2003
	AG	5,125,045	06/23/1992	Murakami et al.			11/17/1988
	AH	5,608,549	03/04/1997	Usami			06/09/1992
	AI	5,673,422	09/30/1997	Kawai et al.			01/23/1995
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	AL	6,545,708	04/08/2003	Tamayama et al.			07/07/1998
	AM	6,564,237	05/13/2003	Ohashi et al.			10/17/2001
	AN	6,683,596	01/27/2004	Ozawa			04/25/2001
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Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Sub-class	Translation	
							Yes	No
KMN	AP	JP11-064814	05 MAR 1999	JAPAN			Abstract	
	AQ							
	AR							

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
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	AU	

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<b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Jun Koyama	
		Filing Date July 26, 2001	Group Art Unit 2674

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	AL						
	AM						
	AN						
	AO						

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							Yes	No
	AP							
	AQ							
	AR							

## Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
KMN	AS	Office Action (U.S. Application No. 09/916,306), January 25, 2005, 15 pages.
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Examiner Signature /Kevin M. Nguyen/	Date Considered 06/02/2006
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